BASF Corporation

BASF

CERTIFIED MAIL - RETURN RECEIPT REQUESTED
USEPA: Z 355 729 113
MDNR: Z 355 729 114

October 25, 1996

Mr. Duane Heaton
Remedial Project Manager
CERCLA Enforcement Section
U.S. Environmental Protection Agency
230 S. Dearborn Street
Chicago, IL 60604

Mr. Oladipo Oyinsan, Supervisor
Michigan Department of Natural Resources-ERD
38980 Seven Mile Road
Livonia, MI 48152

Subject: BASF Riverview Site Inspection Report

To whom it may concern:

Please find enclosed the Fall inspection report for the BASF Riverview Site as required by Consent Decree No. 80-73699 of July, 1984.

If there are any questions, please contact me.

Very truly yours,

Douglas P. Thiel
Manager, Quality and Ecology Services

enc

Z:\DIEM\RIVISPR.DOC

1609 Biddle Avenue, Wyandotte, Michigan 48192 (313) 246-6100

ENVIRONMENTAL

PREVENTIVE MAINTENANCE

BASF Corporation
TITLE: RIVERVIEW PROPERTY

PREPARED BY: GERLACH

DATE ISSUED/REVISED: 04/03/95
CURRENT WORK ORDER: 1051672

CC No.: 30580
INSPECTION FREQUENCY: SEMI-ANNUALLY
INSPECTION DUE 09/24/96

Folder No.: 1490M6.RTE
SHEET 1
Eq Code: 3058000-00

PROCEDURE

REPORT HERE - FINDINGS & ITEMS REPAIRED OR REQUIRED

FOLDER NUMBER: 1490M6.RTE
Inspection Date: 10/15/96 Agency Report Date: 10/25/96
AGENCY REPORT IS DUE WITHIN TWO WEEKS AFTER INSPECTION.
UPON REVIEW AND APPROVAL, RETURN THIS PM TO ECOLOGY FOR PREPARATION OF PRINTED REPORT AND FILING BY SITE ENGINI
This PM requires the inspector to look at many things and walk or drive over a large area. The inspector shoul completely prior to making the inspection so that no wasted effort has to occur "Going Back".

I. Inspect entire fence.

A. Fence must be completely intact, including 3 strands of barbed wire on top. All gates must be locked.

I.A. Make a list of any broken barbed wire, broken or deformed fence, bent or damaged fence posts or rails, gate hinges, locks, etc.

Observation: Okay

Response:

B. Inspect signs on fence. Signs must face outward from property. The signs must be spaced at 100' intervals on all four sides of the property. The signs must be in good condition with 1-1/2" high letters.

WARNING
KEEP OUT
MANAGED INDUSTRIAL WASTE DISPOSAL AREA

I.B. 1. Are signs spaced every 100 ft.? Yes X No___

2. Make a list of missing, rusted, bent, illegible, etc., signs.

Observation: Okay

Response:

II. Inspect vegetation from Jefferson/to the water and from the common property line with Firestone to the municipal ramp.

A. Look for any "bare" areas (spots or areas which do not have plant life growing).

II.A. List "bare" areas. Describe size and location of bare spot.

Observation: None

Response:

ENVIRONMENTAL

FOLDER NO.: 1490M6.RTE SHEET 2

B. Measure the height of the vegetation. As the vegetation is measured, look for areas where growth is stunted.

II.B. List the "average" height of the vegetation.

Observation: 2 1/2"

Response:

III. Inspect the shoreline for stability.

III. List any shoreline erosion, washing, other deterioration or accumulation of debris.

Observation: Okay

Response:

IV. Review the integrity of the compacted clay cover.

A. Inspect the entire area for the physical condition of the surface.

IV.A. List any erosion, standing pools of water, weathering, change in drainage patterns, etc.

Observation: Okay

Response:

B. Look for any deep-rooted vegetation (trees or other plant life which might or does have tap roots). Any vegetation which is taller than surrounding vegetation should be considered deep-rooted.

IV.B. List deep-rooted vegetation.

Observation: None

Response:

V. Inspect the berm which is constructed along the common property line with Firestone. This berm is constructed to eliminate water flowing from the Firestone property onto the site.

V. Is the berm at least 6 inches above the level of the Firestone property at the property line?
Yes X No ___

Is there any evidence of water flowing from the Firestone property onto the site?
Yes ___ No X

Ground hog observed entering Den dug into berm approx. 200 feet west of Detroit River

ENVIRONMENTAL

FOLDER NO.: 1490M6.RTE SHEET 3

VI. Inspect the two concrete drainage ditches on the site, one through the center and one at the northeast corner.

A. Look at overall condition of the ditches.

General sedimentation of approx. 1 inch, from segment, 24 through segment #1.

VI.A. List any cracks in the concrete, leaking through the cracks. accumulated debris, standing water, etc.

Observation:

Response:

B. There are thirty (30) joints in the center ditch. Note condition of each joint. Is joint in place or is it protruding above the surface of the concrete? Is the joint leaking? If there is standing water at the joint, is it clear or off color?

VI.B. List condition of each joint.

Joint 1:
Observation: Okay
Response:

Joint 2:
Observation: Okay
Response:

Joint 3:
Observation: Okay
Response:

Joint 4:
Observation: Okay
Response:

Joint 5:
Observation: Erosion/Bare patches on south side of segment.
Response: Reseed 4/15/97

Joint 6:
Observation: Erosion/Bare patches on south side of segment.
Response: Will rake out & seed by 4/15/97

Joint 7:
Observation: Beginning of spalling/ cracking of concrete.
Response: Repair by 4/15/97

Joint 8:
Observation: Beginning of spalling/ cracking of concrete.
Response: Repair by 4/15/97

Joint 9:
Observation: Spalling/cracking of concrete on east side of segment.
Response: Repair by 4/15/97

Joint 10:
Observation: Okay
Response:

Joint 11:
Observation: Okay
Response:

VI. B. (Cont'd.) There are thirty (30) joints in the center ditch. Note condition of each joint. Is joint in place or is it protruding above the surface of the concrete? Is the joint leaking? If there is standing water at the joint, is it clear or off color?

VI.B. List condition of each joint.

Joint 12:
Observation: Severe spalling/ cracking of segment.
Response: Repair 4/15/97

Joint 13:
Observation: Loose/cracking grout between segments 12, 13, 14
Response: Repair by 4/15/97

Joint 14:
Observation: Okay
Response:

Joint 15:
Observation: Okay
Response:

Joint 16:
Observation: Okay
Response:

Joint 17:
Observation: Loose caulking in crack on south side of segment.
Response: Repair by 4/15/97

Joint 18:
Observation: Okay
Response:

Joint 19:
Observation: Erosion/Bare spot on north edge of segment.
Response: Reseed by 4/15/97

Joint 20:
Observation: Erosion/Bare spot on north edge of segment.
Response: Reseed 4/15/97

Joint 21:
Observation: Okay
Response:

Joint 22:
Observation: Okay
Response:

Joint 23:
Observation: Okay
Response:

Joint 24:
Observation: Okay
Response:

Joint 25:
Observation: Okay
Response:

Joint 26:
Observation: Loose caulking in segment joint.
Response: Repair 4/15/97

VI. B. (Cont'd.) There are thirty (30) joints in the center ditch. Note condition of each joint. Is joint in place or is it protruding above the surface of the concrete? Is the joint leaking? If there is standing water at the joint, is it clear or off color?

VI.B. List condition of each joint.

Joint 27:
Observation: Okay
Response:

Joint 28:
Observation: Okay
Response:

Joint 29:
Observation: Okay
Response:

Joint 30:
Observation: Okay
Response:

There are four (4) joints in the north ditch. Note condition of each joint. Is joint in place or is it protruding above the surface of the concrete? Is the joint leaking? If there is standing water at the joint, is it clear or off color?

Joint A:
Observation Good
Response:

Joint B:
Observation: Good
Response:

Joint C:
Observation: Good
Response:

Joint D:
Observation: Good
Response:

VII. Inspect each of the nine (9) monitoring wells for integrity.

VII. List any problems with the wells.
Observation:
Response:

ENVIRONMENTAL

FOLDER NO.: 1490M6.RTE SHEET 6

Upon completion of this PM, it must be routed for signature/comments as indicated on page 1.

Inspected by: Lisa B Wardt John F Roberts Date Inspected: 10/15/96

PM Reviewed and Response initiated by: John F Carlock Date: 10/23/96

******** END ******** END ******** END ******** END ******** END ******** END ******** END ******** END *****